American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended September 14, 1984 NO. 37

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/14/84	Last Week Ending: 09/07/84	Last Year Week Ending: 09/16/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,455	12,649	13,095	-194	-640
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	77.5	78.7	80.4		
Motor Gasoline					
Total motor gasoline production	6,412	6,416	6,821	-4	-409
Finished leaded motor gasoline production	2,471	2,490	3,021	-19	-550
Finished unleaded motor gasoline production	3,941	3,926	3,800	15	141
Total motor gasoline stocks	227,289	227,501	229,304	-212	-2,015
Finished leaded motor gasoline stocks	84,753	86,319	98,167	-1,566	-13,414
Finished unleaded motor gasoline stocks	102,943	102,401	92,176	542	10,767
Distillate Fuel Oil					
Distillate fuel oil production	2,653	2,692	2,713	-39	-60
Distillate fuel oil stocks	140,768	139,871	149,362	897	-8,594
Residual Fuel Oil					
Residual fuel oil production	888	941	813	-53	75
Residual fuel oil stocks	48,599	48,353	47,148	246	1,451
Imports					
Crude oil imports	3,493	3,654	4,018	-161	-525
Product imports	1,687	1,893	1,742	-206	-55
Crude Oil Stocks					
Crude oil stocks	337,966	340,322	349,384	-2,356	-11,418

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,212	1,129	1,147	1,405	81.6
Appal. No. 1	83	78	79	115	68.7
DISTRICT 1 TOTAL	1,295	1,207	1,226	1,520	80.7
Appal. No. 2	70	70	70	66	106.1
Ind., Ill., Ky.	1,875	1,818	1,818	2,309	78.7
Minn., Wis., Daks.	304	296	303	303	100.0
Okla., Kans., Mo.	736	637	648	755	85.8
DISTRICT 2 TOTAL	2,985	2,821	2,839	3,433	82.7
Inland Texas	553	527	529	615	86.0
Texas Gulf Coast	3,271	2,767	2,815	3,837	73.4
La. Gulf Coast	2,173	1,995	2,013	2,562	78.6
N. La. and Ark.	195	182	182	302	60.3
New Mexico	68	64	64	114	56.1
DISTRICT 3 TOTAL	6,260	5,535	5,603	7,430	75.4
DISTRICT 4 TOTAL	458	438	439	537	81.8
DISTRICT 5 TOTAL	2,441	2,342	2,348	3,154	74.4
TOTAL U.S.	13,439	12,343	12,455	16,074	77.5
TOTAL U.S.					
Weeks Ended:					
SEP. 7, 1984	13,728	12,426	12,649	16,074	78.7
SEP. 16, 1983	13,794	12,804	13,095	16,294	80.4
DISTRICTS 1-4					
Weeks Ended:					
SEP. 14, 1984	10,998	10,001	10,107	12,920	78.2
SEP. 7, 1984	11,213	10,066	10,265	12,920	79.5
SEP. 16, 1983	11,549	10,584	10,819	13,234	81.8

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	581*	190*	391	22	52	246	138
Appal. No. 1	33	15	18	1	--	22	2
DISTRICT 1 TOTAL	614*	205*	409	23	52	268	140
Appal. No. 2	38	15	23	4	--	17	3
Ind., Ill., Ky.	1,066*	376	690*	19	121	365	18
Minn., Wis., Daks.	164	102	62	4	18	76	7
Okla., Kans., Mo.	412	214	198	14	39	151	6
DISTRICT 2 TOTAL	1,680*	707	973*	41	178	609	34
Inland Texas	304	156	148	33	33	129	24
Texas Gulf Coast	1,431	484	947	22	188	638	216
La. Gulf Coast	1,020	307	713	18	240	418	73
N. La. and Ark.	51	33	18	6	--	60	10
New Mexico	41	19	22	8	2	18	--
DISTRICT 3 TOTAL	2,847	999	1,848	87	463	1,263	323
DISTRICT 4 TOTAL	204	126	78	14	22	116	5
DISTRICT 5 TOTAL	1,067	434	633	52	275	397	386
TOTAL U.S.	6,412	2,471	3,941	217	990	2,653	888
TOTAL U.S. Weeks Ended:							
SEP. 7, 1984	6,416*	2,490*	3,926*	240	905	2,692	941
SEP. 16, 1983	6,821	3,021	3,800	169	931	2,713	813
DISTRICTS 1-4 Weeks Ended:							
SEP. 14, 1984	5,345	2,037	3,308	165	715	2,256	502
SEP. 7, 1984	5,373*	2,101*	3,272*	195	660	2,290	586
SEP. 16, 1983	5,827	2,584	3,243	122	673	2,320	491

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.
* See Revisions on Page 8
NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,887	2,182	2,704	1	115	627	7,949	1,176	--
Central Atlantic	33,903	12,436	15,646	5,821	471	4,508	31,455	19,599	11,348
Lower Atlantic	25,892	11,122	14,542	228	255	4,173	15,343	4,250	509
DISTRICT 1 TOTAL	64,682	25,740	32,892	6,050	841	9,308	54,747	25,025	11,857
DISTRICT 2 TOTAL	64,373	28,004	29,230	7,139	1,750	9,207	39,256	3,718	17,313
DISTRICT 3 TOTAL	65,017*	19,914*	28,181*	16,922*	2,342*	14,116	32,059	9,725	50,364
DISTRICT 4 TOTAL	6,490	2,818	1,998	1,674	386	861	3,647	584	2,607
DISTRICT 5 TOTAL	26,727*	8,277	10,642*	7,808	1,829	5,983	11,059	9,547	23,617
TOTAL U.S.	227,289	84,753	102,943	39,593	7,148	39,475	140,768	48,599	105,758
TOTAL U.S.									
Weeks Ended:									
SEP. 7, 1984	227,501*	86,319*	102,401*	38,781*	7,573*	39,356	139,871	48,353	105,501
SEP. 16, 1983	229,304	98,167	92,176	38,961	6,741	34,434	149,362	47,148	113,107
DISTRICTS 1-4									
Weeks Ended:									
SEP. 14, 1984	200,562	76,476	92,301	31,785	5,319	33,492	129,709	39,052	82,141
SEP. 7, 1984	200,642*	77,990*	91,841*	30,811*	5,638*	33,203	128,450	38,420	81,938
SEP. 16, 1983	198,818	87,953	80,611	30,254	4,845	28,602	138,076	38,686	88,888

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 8

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended September 14, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Apr. 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
SEP. 14, 1984	5,935.0	5,989.0	3,259	339	260,720
SEP. 7, 1984	5,943.5*	--	3,579*	348	261,799*
AUG. 31, 1984	5,943.5*	--	2,885	355	262,742
AUG. 24, 1984	5,943.5*	--	3,486	256	268,624
DISTRICT 5 TOTAL					
SEP. 14, 1984	2,899.9	2,893.0	234	6	77,246 ‡
SEP. 7, 1984	2,837.7*	--	75	8	78,523*
AUG. 31, 1984	2,837.7*	--	155	--	79,095
AUG. 24, 1984	2,837.7*	--	204	--	77,945
TOTAL U.S.					
SEP. 14, 1984	8,834.9	8,882.0	3,493	345	337,966 ‡
SEP. 7, 1984	8,781.2*	--	3,654*	356	340,322*
AUG. 31, 1984	8,781.2*	--	3,040	355	341,837
AUG. 24, 1984	8,781.2*	--	3,690	256	346,569
SEP. 16, 1983	8,784.0 /a	--	4,018	282	349,384

‡INCLUDES 23,848 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

/a DOE actual for August 1983

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
SEP. 14, 1984	16,898	75,912	154,896	13,014	260,720	77,246 ‡	337,966 ‡
SEP. 7, 1984	16,522*	77,120*	154,796	13,361	261,799*	78,523*	340,322*
SEP. 16, 1983	16,180	74,274	162,956	12,976	266,386	82,998	349,384

[1]See definitional notes, Page 6.

*See Revisions on Page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended September 14, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	94	63	31	--	--	34	93	3	--	--	224
Central Atlantic	238	109	129	--	28	92	335	--	--	99	792
Lower Atlantic	64	--	64	--	--	--	112	--	--	--	176
DISTRICT 1 TOTAL											
SEP. 14, 1984	396	172	224	--	28	126	540	3	--	99	1,192
SEP. 7, 1984	268	117	151	33	35	165	653	5	11	17	1,187
AUG. 31, 1984	322	96	226	33	21	231	505	28	26	34	1,200
AUG. 24, 1984	210	94	116	25	17	233	451	4	115	51	1,106
DISTRICTS 2-4 TOTAL											
SEP. 14, 1984	45	45	--	--	1	8	60	101	84	99	398
SEP. 7, 1984	20	14	6	--	--	28	49	118	91	307	613
AUG. 31, 1984	26	15	11	--	--	47	54	321	86	95	629
AUG. 24, 1984	11	8	3	--	--	17	30	213	62	63	396
DISTRICT 5 TOTAL											
SEP. 14, 1984	19	--	19	--	--	15	15	12	6	30	97
SEP. 7, 1984	21	7	14	--	2	4	14	8	14	30	93
AUG. 31, 1984	26	5	21	--	--	--	14	6	--	43	89
AUG. 24, 1984	24	6	18	--	2	4	17	5	6	18	76
TOTAL U.S.	460	217	243	--	29	149	615	116	90	228	1,687
TOTAL U.S. Weeks Ended:											
SEP. 7, 1984	309	138	171	33	37	197	716	131	116	354	1,893
AUG. 31, 1984	374	116	258	33	21	278	573	355	112	172	1,918
AUG. 24, 1984	245	108	137	25	19	254	498	222	183	132	1,578
SEP. 16, 1983	190	72	118	--	92	199	611	165	340	145	1,742

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	August 1984	July 1984	April 1984
Florida	40.0	41.0	41.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	10.0	10.0	11.0
Illinois	79.0	79.0	78.0
Indiana	16.0	15.0	17.0
Kansas	210.0	205.0	212.0
Kentucky	22.0	21.5	21.0
Michigan	83.0	83.0	90.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.0	18.0	17.0
Ohio	41.0	41.0	40.0
Oklahoma	445.0	440.0	477.0
North Dakota	144.0	144.0	142.0
South Dakota	3.5	3.4	3.0
Alabama	52.0	52.0	51.0
Arkansas	50.0	51.0	50.0
Mississippi	90.5	90.5	88.0
New Mexico-So. East	190.0	190.0	195.0
New Mexico-Other	17.0	17.0	18.0
North Louisiana	92.0	92.0	89.0
South Louisiana	1,300.0	1,300.0	1,277.0
Total Louisiana	1,392.0	1,392.0	1,366.0
Texas			
District 1	70.0	70.0	72.0
District 2	109.0	109.0	107.0
District 3	335.0	335.0	344.0
District 4	77.0	77.0	81.0
District 5	25.0	25.0	22.0
District 6, East Texas Field	136.0	136.0	136.0
Other	115.0	115.0	117.0
District 7-B	97.0	97.0	99.0
District 7-C	99.0	99.0	98.0
District 8 and 8-A	1,236.0	1,236.0	1,232.0
District 9	109.0	109.0	111.0
District 10	62.0	62.0	64.0
Total Texas	2,470.0	2,470.0	2,483.0
Colorado	78.5	78.0	79.0
Montana	79.0	78.0	77.0
Utah	80.0	78.0	88.0
Wyoming	315.0	307.0	327.0
Total Dists. 1-4	5,943.5	5,922.4	5,989.0
Alaska	1,718.7	1,688.8	1,770.0
Arizona	1.0	1.0	1.0
California	1,115.0	1,113.5	1,119.0
Nevada	3.0	3.0	3.0
Total Dist. 5	2,837.7	2,806.3	2,893.0
Total U.S.	8,781.2	8,728.7	8,882.0

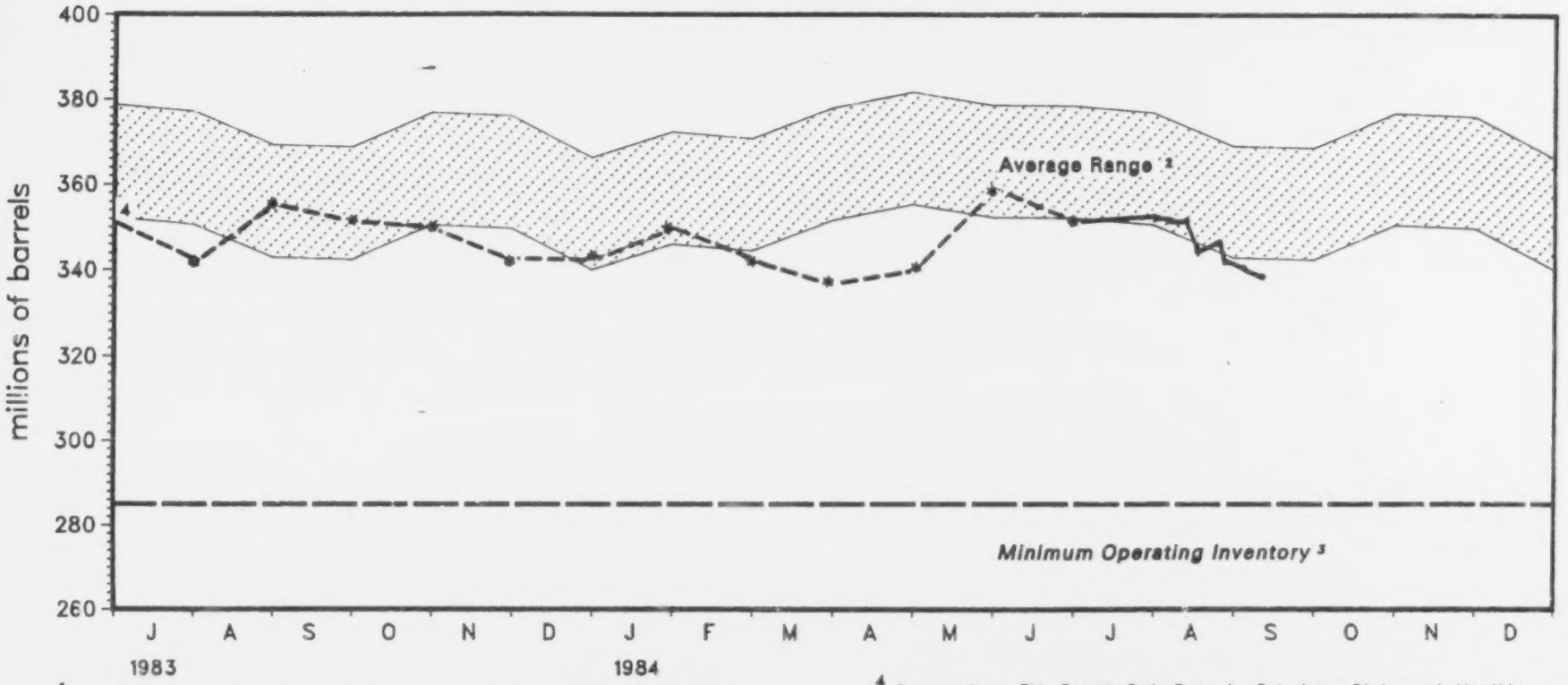
API STATISTICAL BULLETIN
WEEK ENDED: SEP. 14, 1984

REVISIONS

09/07/84	PAGE 2	TOTAL MGAS	EAST COAST	576
			DISTRICT 1 TOTAL	601
			IND., ILL., KY	1,023
			DISTRICT 2 TOTAL	1,599
			TOTAL U.S.	6,416
			DISTRICTS 1-4	5,373
		LEADED MGAS	EAST COAST	169
			DISTRICT 1 TOTAL	181
			TOTAL U.S.	2,490
			DISTRICTS 1-4	2,101
		UNLEADED MGAS	IND., ILL., KY	659
			DISTRICT 2 TOTAL	931
			TOTAL U.S.	3,926
			DISTRICTS 1-4	3,272
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	63,629
			DISTRICT 5 TOTAL	26,859
			TOTAL U.S.	227,501
			DISTRICTS 1-4	200,642
		LEADED MGAS	DISTRICT 3 TOTAL	20,751
			TOTAL U.S.	86,319
			DISTRICTS 1-4	77,990
		UNLEADED MGAS	DISTRICT 3 TOTAL	27,140
			DISTRICT 5 TOTAL	10,560
			TOTAL U.S.	102,401
			DISTRICTS 1-4	91,841
		BLENDING COMPS	DISTRICT 3 TOTAL	15,738
			TOTAL U.S.	38,781
			DISTRICTS 1-4	30,811
		NAPHTHA JET	DISTRICT 3 TOTAL	2,525
			TOTAL U.S.	7,573
			DISTRICTS 1-4	5,638
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,579
			TOTAL U.S.	3,654
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	261,799
			DISTRICT 5 TOTAL	78,523
			TOTAL U.S.	340,322
		ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	22,096
	PAGE 4 B	TOTAL	PAD DISTRICT 1	16,522
			PAD DISTRICT 2	77,120
			TOTAL PAD DISTRICTS 1-4	261,799
			PAD DISTRICT 5	78,523
			TOTAL U.S.	340,322

Week Ended: September 14, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

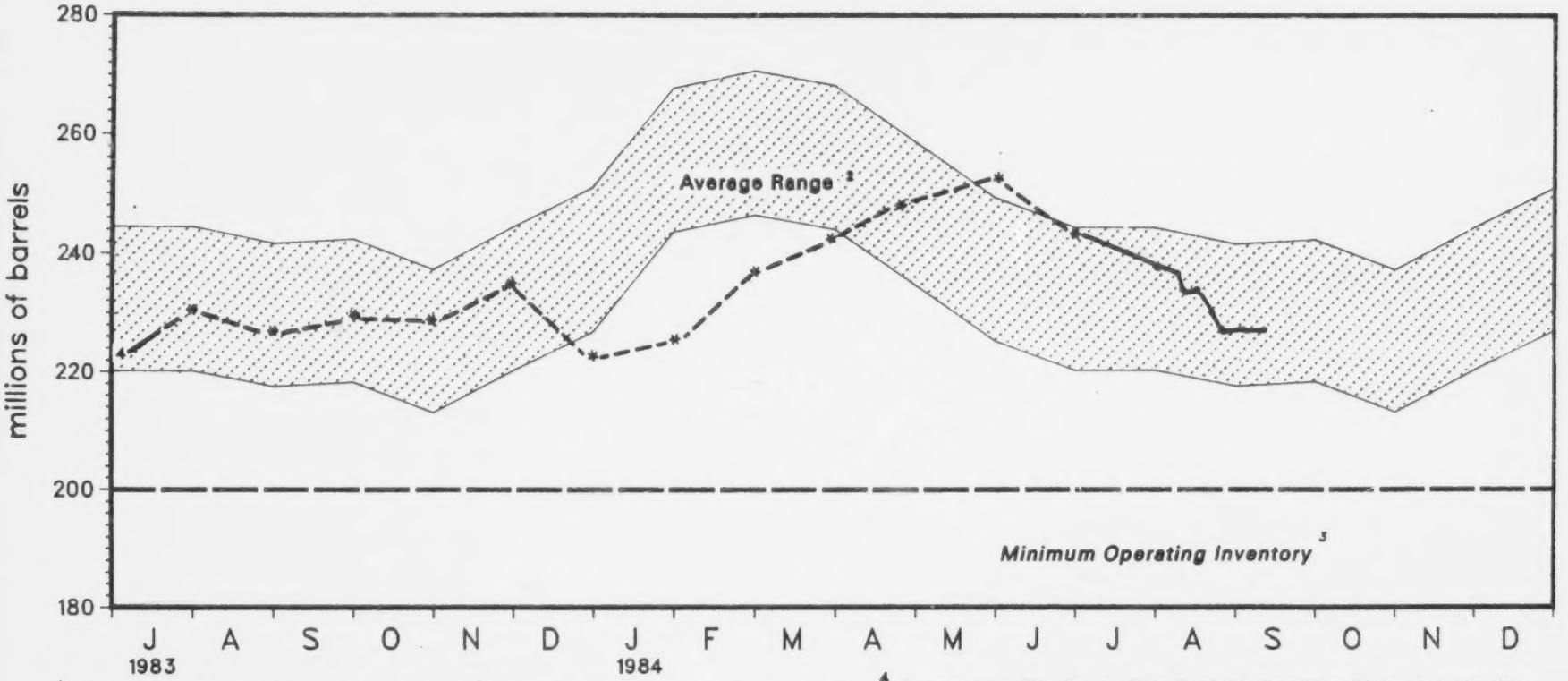
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: ° –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** —— API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

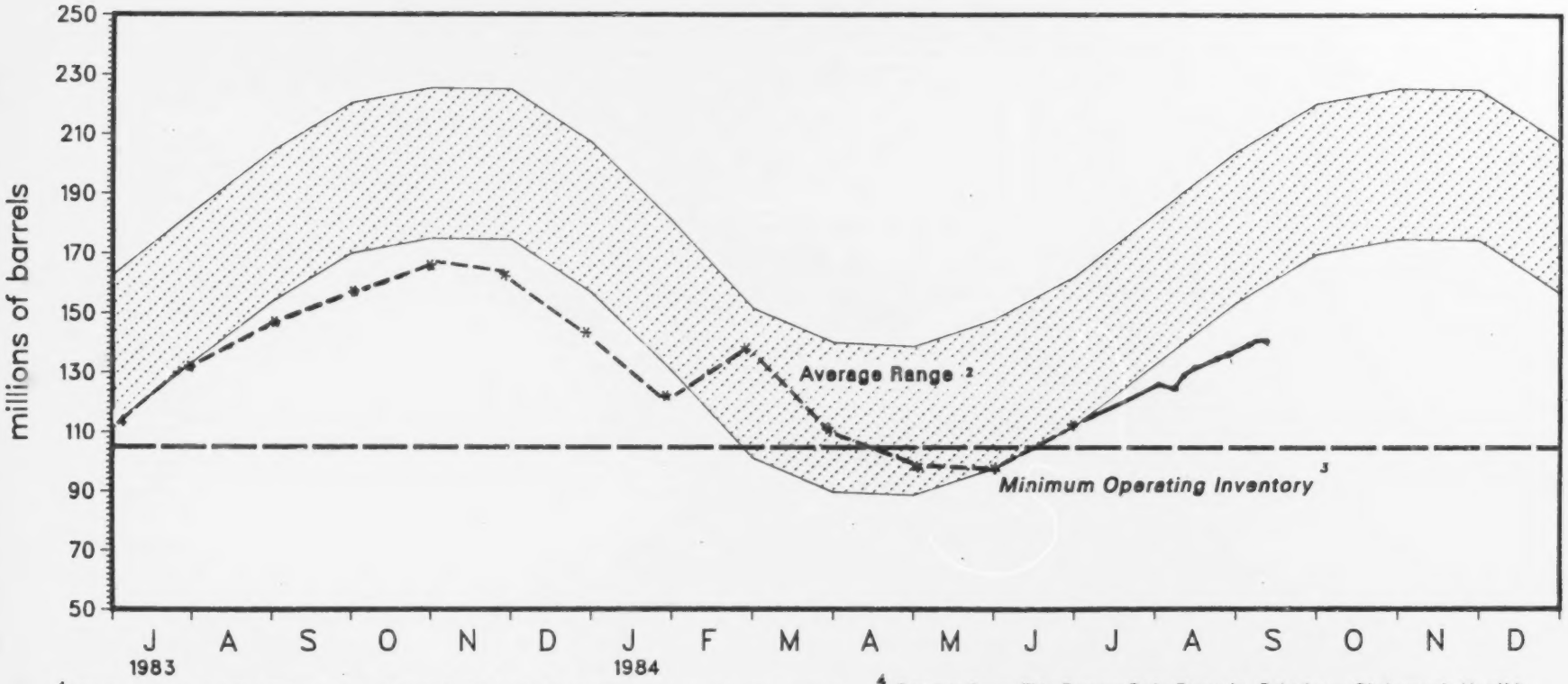
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*